



National Weather Service

Raleigh, NC Weather Forecast Office



**Weather Briefing for
Central North Carolina
Covering the period
February 16-17, 2015
And looking ahead to the
rest of the week**

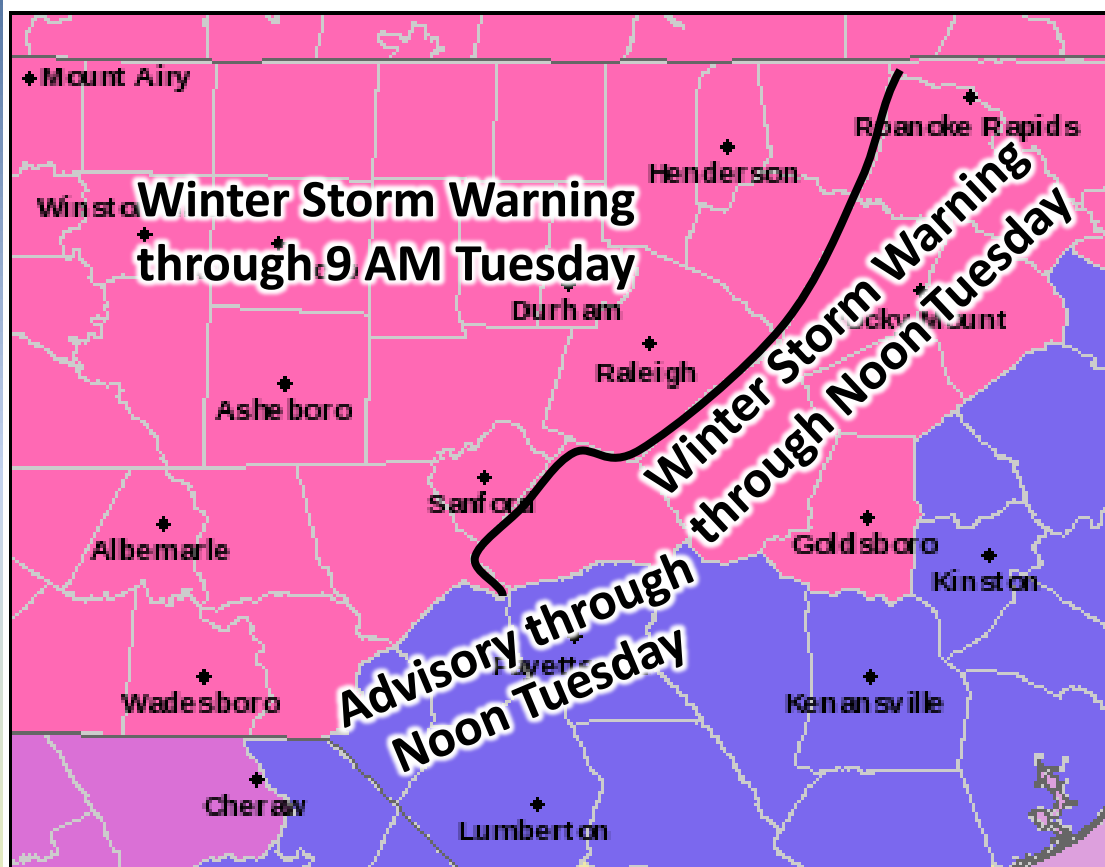
**Updated 11:30 AM
Monday Feb 16, 2015**

Winter storm conditions expected to develop across most central NC later this afternoon, lasting through Tuesday morning.

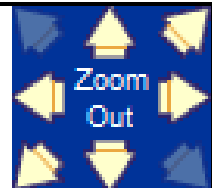
Changes Since Last Briefing

- Winter storm warnings have been expanded to include most of the central NC.
- For our southeast counties (Scotland, Hoke, Cumberland, and Sampson), the winter storm watch has been replaced with a winter weather advisories.

Watches/Warnings/Advisories



[Watches,](#)
[Warnings &](#)
[Advisories](#)



[Winter Storm Warning](#)

[Winter Storm](#)
[Watch through](#)
[Noon Tuesday](#)

[Freezing Rain Advisory](#)

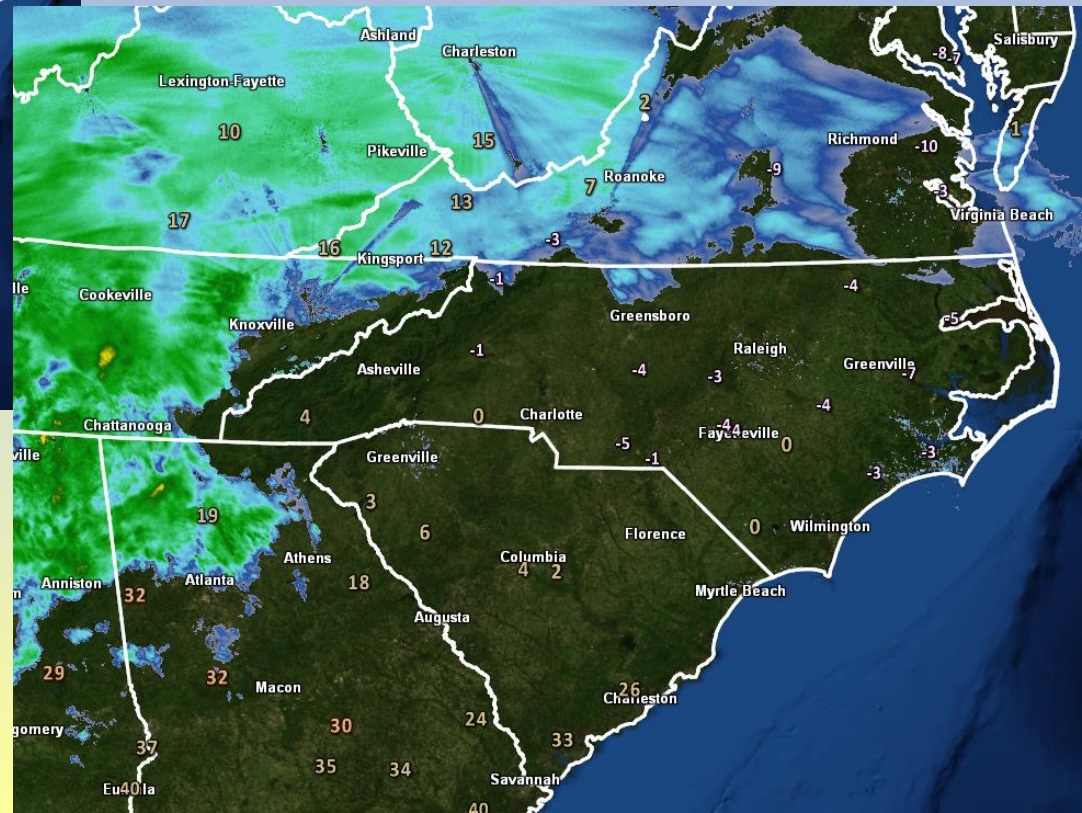
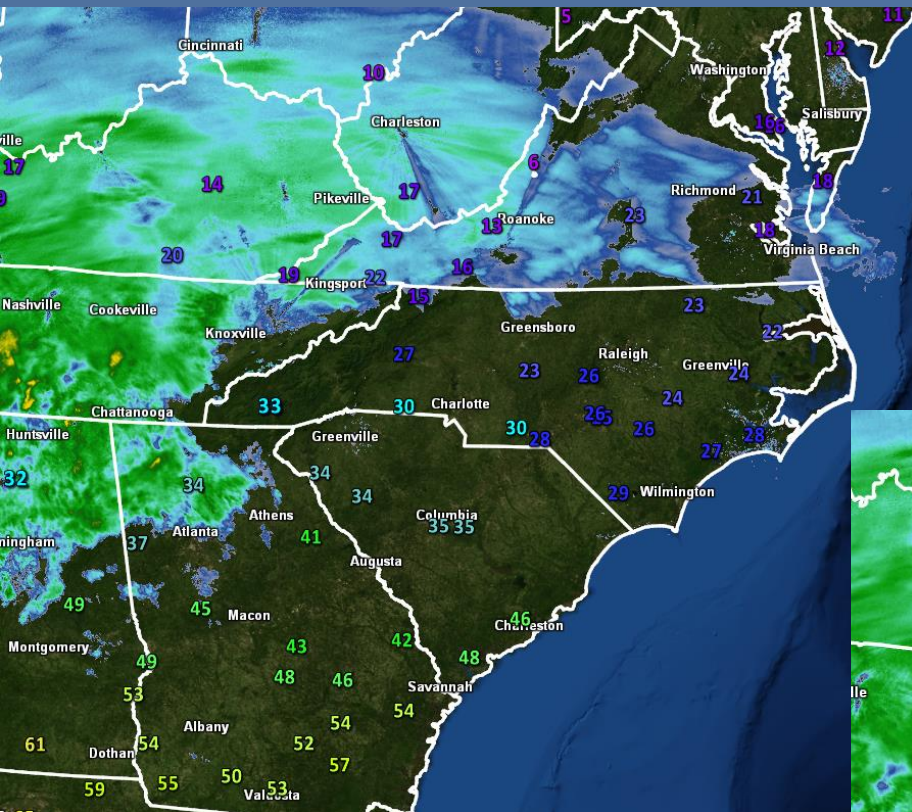
[Winter Weather](#)
[Advisory](#)

[Special Weather](#)
[Statement](#)

[Hazardous Weather](#)
[Outlook](#)

Last Map Update: Mon, Feb. 16, 2015 at 8:28:33 am EST

11 AM Radar and Temperatures, and Dew Points



Simulated Radar and Precip Type Evolution

Mid-afternoon Monday
(an hour either side of 3 PM)

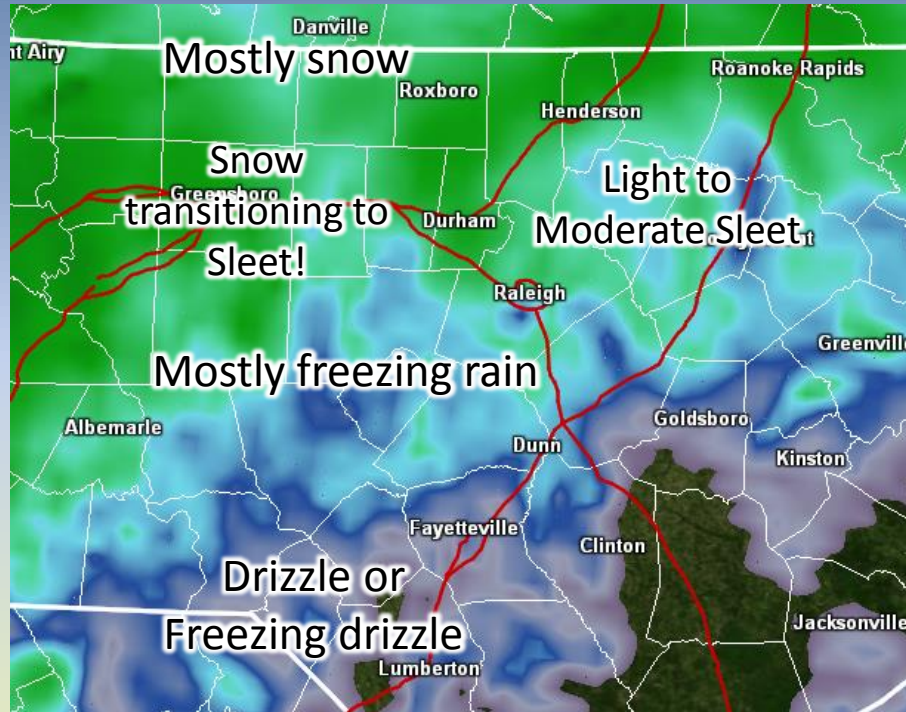


Early evening
(an hour either side of 6 PM)



Simulated Radar and Precip Type Evolution

Mid-evening Monday
(an hour either side of 9 PM)

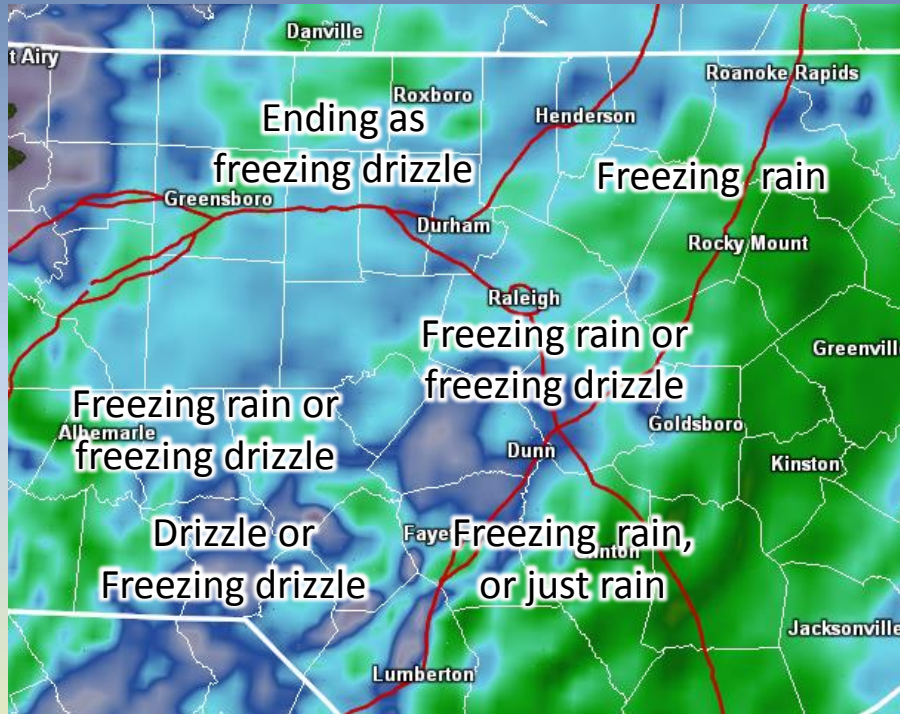


Early Overnight
(an hour either side of 1 AM)

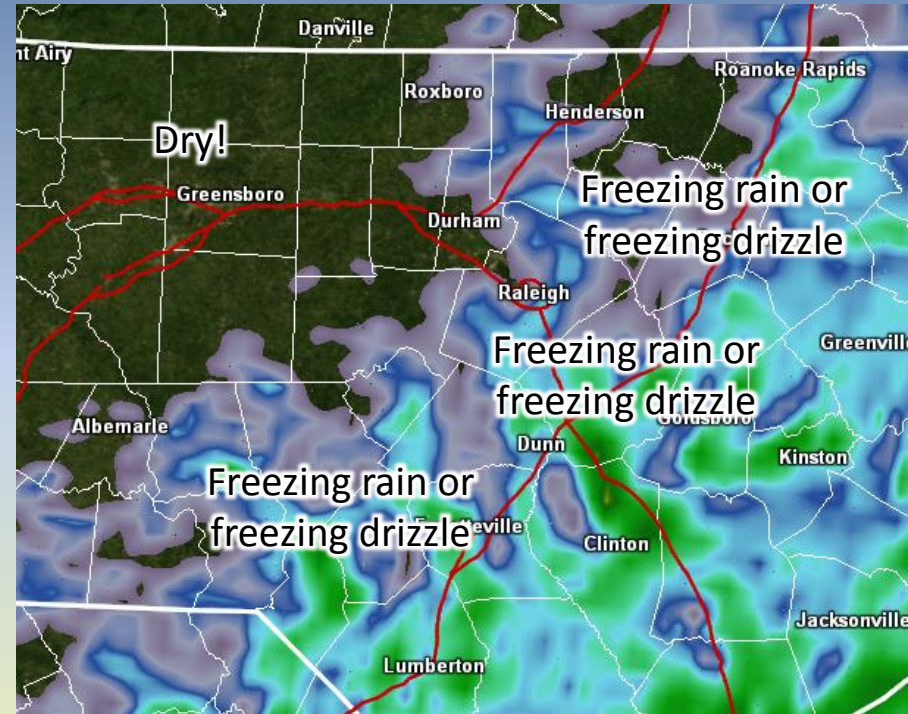


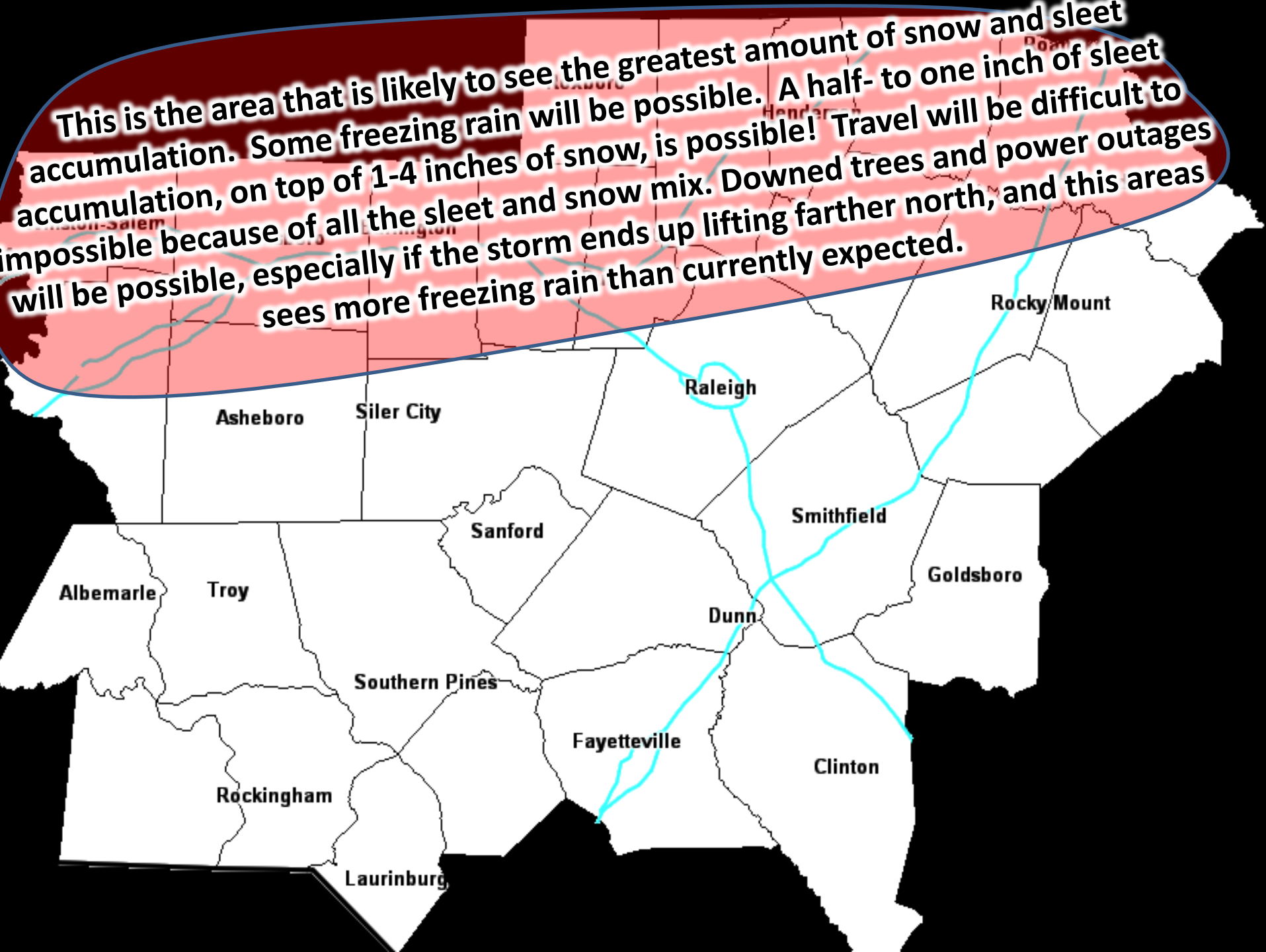
Simulated Radar and Precip Type Evolution

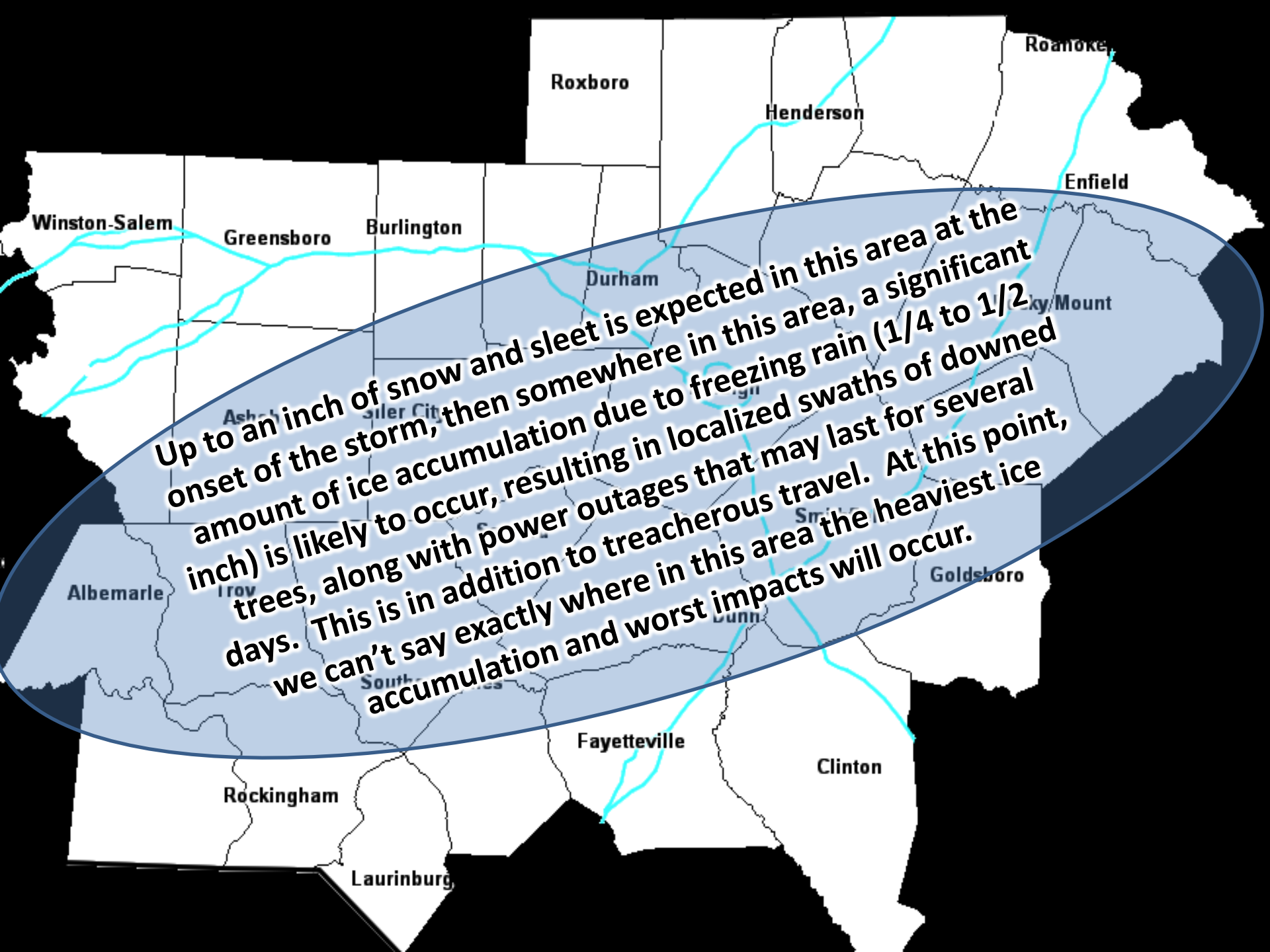
Pre-sunrise hours Tuesday
(an hour either side of 4 AM)



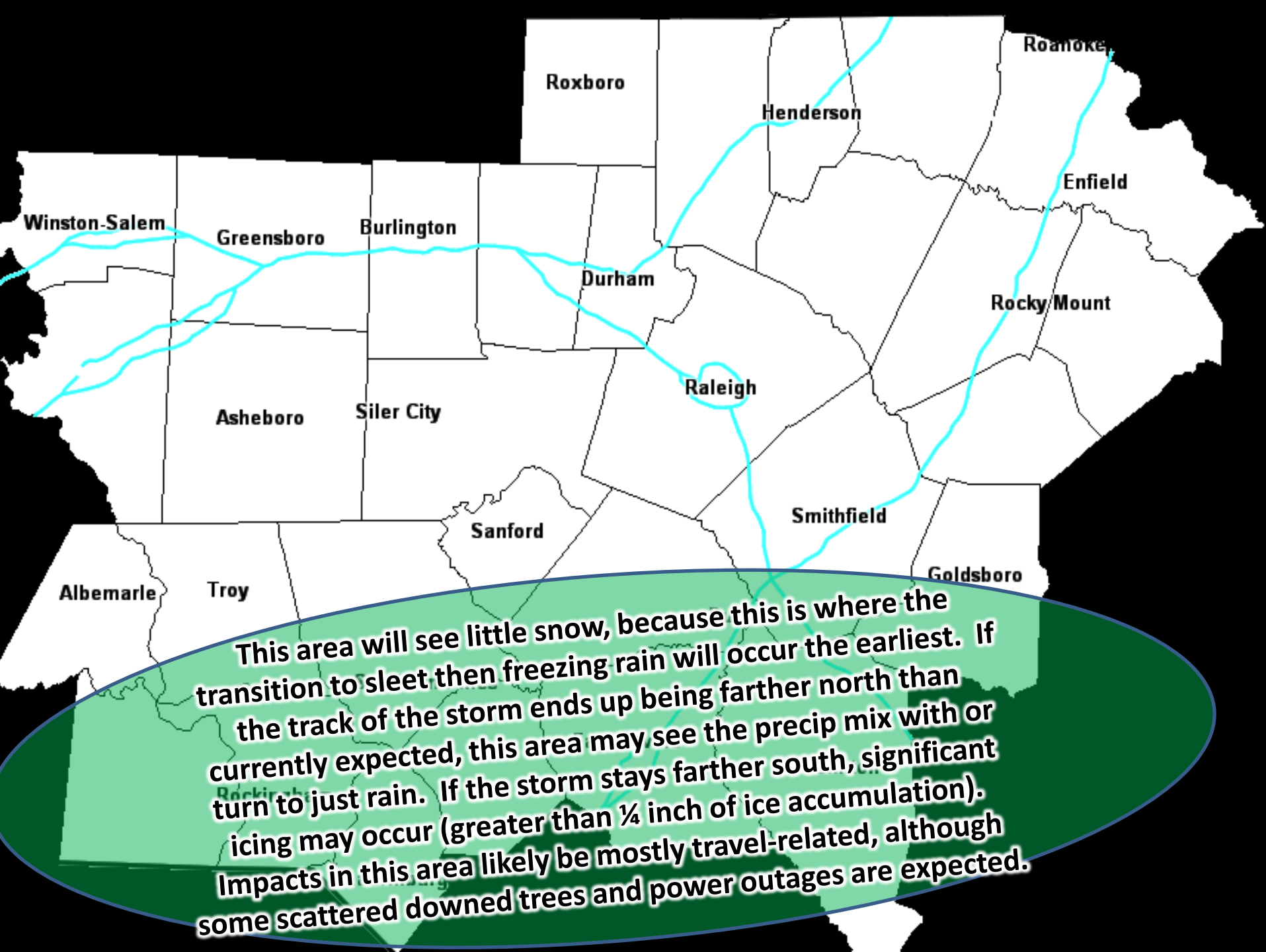
Tuesday morning commute
(an hour either side of 7 AM)



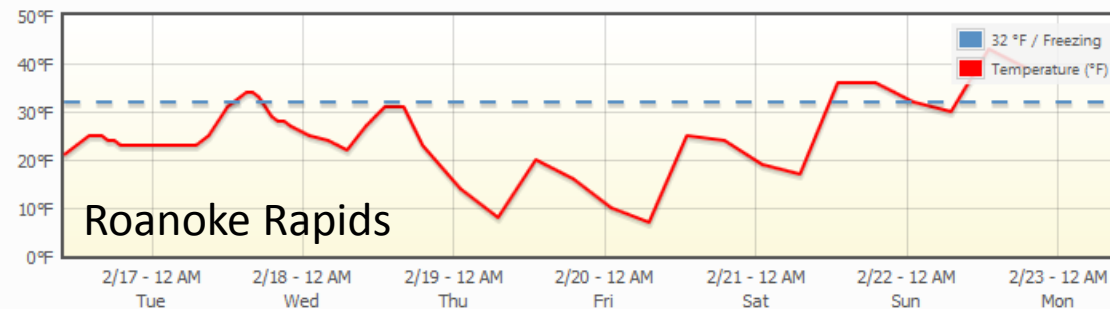
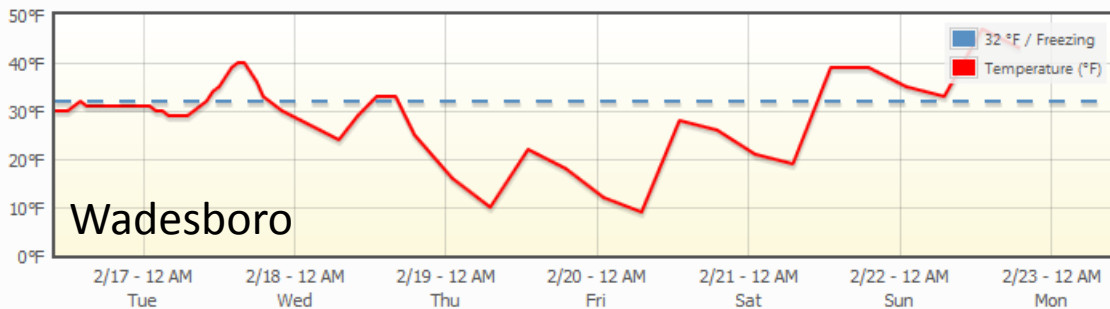
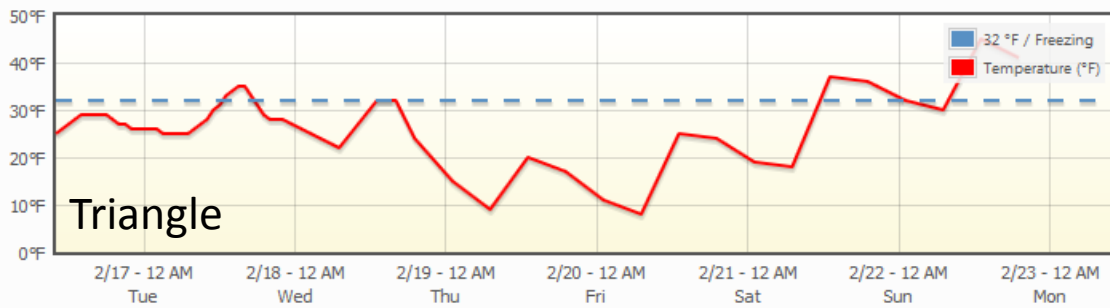
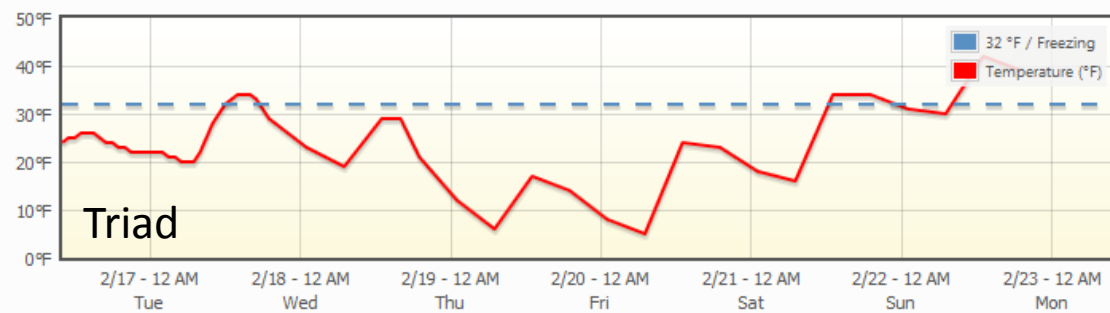




Up to an inch of snow and sleet is expected in this area at the onset of the storm, then somewhere in this area, a significant amount of ice accumulation due to freezing rain ($1/4$ to $1/2$ inch) is likely to occur, resulting in localized swaths of downed trees, along with power outages that may last for several days. This is in addition to treacherous travel. At this point, we can't say exactly where in this area the heaviest ice accumulation and worst impacts will occur.



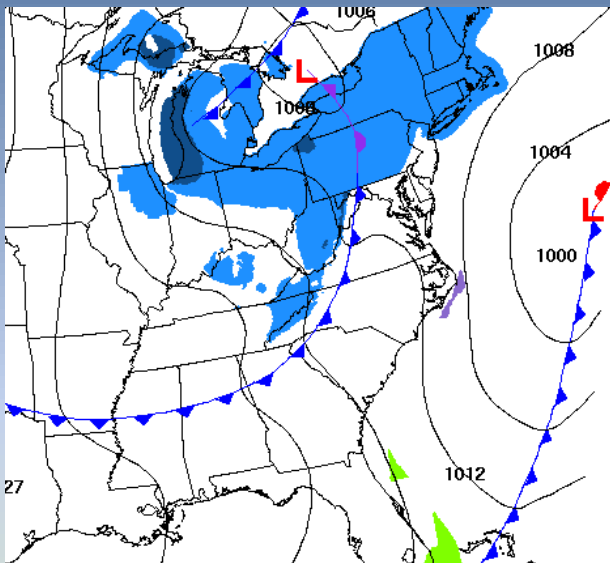
Temperatures



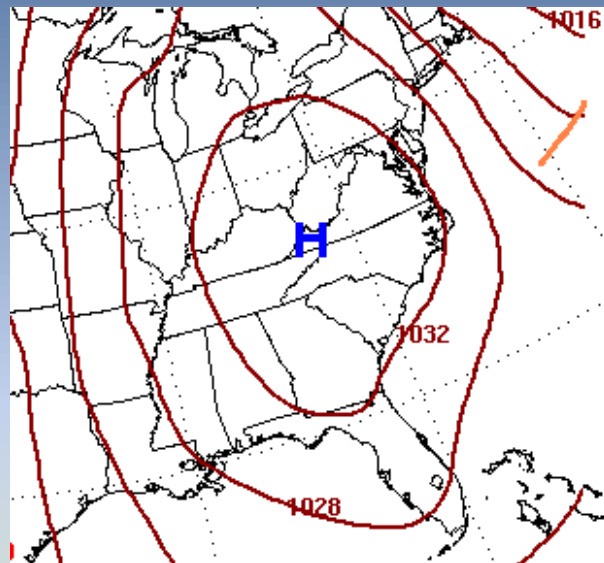
The temperature will climb a few degrees above freezing for a couple hours Tuesday afternoon (along with some limited sunshine)...so that should help with some melting. But a quick re-freeze is expected after sunset Tuesday evening. Then the bigger story will be the bitter cold returning for the 2nd half of the week, with temperatures remaining below freezing from Wednesday night through Saturday morning. Low temps in the single-digits expected Thursday and Friday mornings.

Outlook for the rest of the week

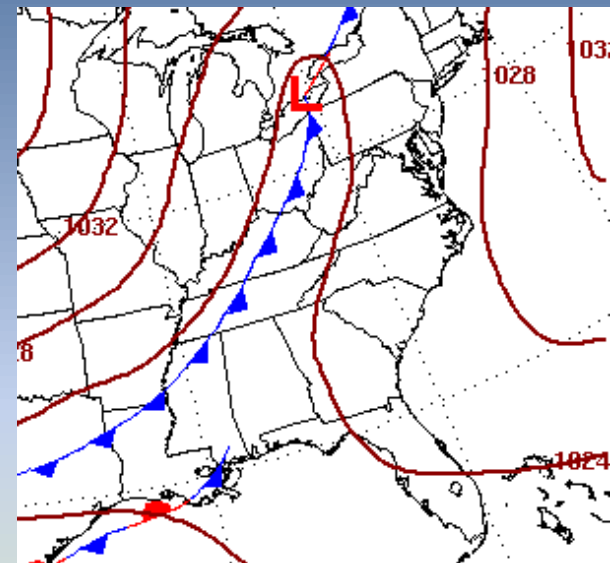
Wednesday



Friday



Late Weekend



- A few passing snow showers are possible on Wednesday. Very light accumulation is possible, but due to the cold ground, it wouldn't take much to cause travel problems.
- **Bitter cold** second half of the week. Temperatures will remain below freezing from Wednesday night through Saturday morning. Low temps in the single-digits expected Thursday and Friday mornings.
- The next weather-maker will come over the weekend. Precip-type problems may face us once again with this system...but the low track right now is forecast to be to our west, which would mean a transition to rain.

For additional specific details, including specific Watches, Warnings, Advisories

Please refer to the following sites:

- Northeast NC: <http://weather.gov/akq>
- Eastern NC: <http://weather.gov/mhx>
- Southeast NC: <http://weather.gov/ilm>
- Central NC: <http://weather.gov/rah>
- Northwest NC (& mountains): <http://weather.gov/rnk>
- Southwest NC (& mountains): <http://weather.gov/gsp>
- Cherokee and Clay Counties: <http://weather.gov/mrx>

For specific hour-by-hour forecast details and trends for your exact location, please visit <http://forecast.weather.gov/gridpoint.php?site=rah&TypeDefault=graphical>
This link will include hour-by-hour forecasts for temperature, wind, wind gusts, wind chill, precip chance, etc.